

WIRELESS

SMCWEB-N

Draft 11n Wireless Access Point/Ethernet Client



OVERVIEW

The SMCWEB-N is a multi-function Wireless-N (802.11n draft) networking device: Access Point and Ethernet Client modes. Designed for multimedia applications SMCWEB-N can be used in Access Point mode to add high-speed wireless connectivity to your network, or Client mode to simultaneously connect multiple Ethernet enabled devices such as a game console, digital media player or Network Attached Storage.

The SMCWEB-N is 802.11n draft v2.0 compliant while maintaining full backwards compatibility with the Wireless-G (802.11g) and Wireless-B (802.11b) standards. This next generation wireless networking standard utilizes advanced MIMO (Multiple-In, Multiple-Out) technology to deliver incredible speed and range. With wireless speeds up to 300Mbps and extended coverage, there is enough bandwidth to simultaneously stream video and audio, play online games, transfer large files, make VoIP calls and surf the

Internet. With security being a key consideration, SMCWEB-N supports the latest WPA and WPA2 wireless encryption standards, which prevent unauthorized access to wireless networks and ensure data is secure. Wireless security can also be set up easily using Wi-Fi Protected Setup™ (WPS) that enables push button or PIN configuration.

For an enhanced multimedia experience Wireless Intelligent Stream Handling technology automatically manages and prioritizes the flow of time-sensitive data in your wireless network, without the need for end user configuration. As a result time-sensitive applications like online gaming, voice and video, run smoothly without lag and breakup problems. Finally, configuration is made simple and straightforward with the Installation Wizard, intuitive web-based management interface and slide switch for easily selecting operating mode.

FEATURES

FEATURES	BENEFITS
Wireless-N (draft 802.11n) compliant	Delivers speeds up to 300Mbps and extended coverage. Perfect for streaming video and music, online gaming and networking multiple PC's.
Multi-function: AP and Client modes	Add high-speed wireless connectivity to your network, or simultaneously connect multiple Ethernet enabled devices such as a game console, digital media player or Network Attached Storage.
4-port 10/100 LAN switch with auto MDI-MDIX	Directly connect up to 4 Ethernet enabled devices.
WPA/WPA2 Encryption	Prevents unauthorized access to your wireless network and insures your data is secure.
Wi-Fi Protected Setup™ (WPS)	Makes wireless security setup easy with push button and PIN configuration methods.
Wireless Intelligent Stream Handling Technology	Automatically manages and prioritizes the flow of time-sensitive data in your wireless network without the need for end user configuration. As a result time-sensitive applications like online gaming, voice and video, run smoothly without lag and breakup problems.
Web-Based management interface	Simple and straightforward set-up with the intuitive web-based management interface and Installation Wizard.

TECHNICAL SPECIFICATIONS

SMCWEB-N

PHYSICAL

- 4-port 10/100Mbps LAN switch
- Three 4dBi fixed antennas
- WPS button
- Slide switch for selecting AP or Client operating modes
- Reset button

MANAGEMENT FEATURES

- EZ Installation Wizard
- Web based management interface (HTTP)

SECURITY FEATURES

- SSID Broadcast disable
- MAC address Filtering
- WEP 64-/128-Bit Encryption
- WPA-/WPA2-PSK (Pre Shared Key)
- WPA/WPA2 Enterprise mode (802.1x)

QUALITY-OF-SERVICE

- Wireless Intelligent Stream Handling Technology

MISCELLANEOUS

- DHCP Server in AP mode
- WDS (Wireless Distribution System)
- System logging with selectable event levels and types

STANDARDS

- IEEE802.3 (10Base-T), IEEE802.3u (100Base-TX)
- IEEE802.11b, IEEE802.11g, IEEE802.11n draft v2.0

OPERATING FREQUENCY

- FCC: 2412~2462MHz (Ch1~Ch11)
- ETSI: 2412~2472MHz (Ch1~Ch13)

TYPICAL RF OUTPUT POWER

- 11n Mode: 14dBm
- 11g Mode: 15dBm
- 11b Mode : 18dBm

TEMPERATURE

- Operating: 0 degrees C to 40 degrees C
- Storage: -20 degrees C to 60 degrees C

HUMIDITY

- Operating: 10% to 85% Non-condensing
- Storage: 5% to 90% Non-condensing

DIMENSIONS

- 180 x 122 x 30 mm
- 7.1 x 4.8 x 1.2 in

WEIGHT

- 0.32Kg
- 0.71lbs

POWER INPUT

- 12V/1A

CERTIFICATIONS

- FCC
- CE

SYSTEM REQUIREMENTS

- 2.4GHz 802.11n draft wireless adapter or 2.4GHz 802.11b/g wireless adapter or Ethernet Adapter installed on each PC.
- Internet Explorer 5.5 or above, Netscape 4.7 or above, Mozilla Firefox 1.0 or above

PACKAGE CONTENTS

- EZ Connect™ N Wireless Access Point/Ethernet Client (SMCWEB-N)
- Power Supply
- RJ-45 Ethernet Cable
- Documentation CD
- Quick Installation Guide
- Warranty Information Card

WARRANTY

- 3 Years

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